stitute for form 1449/PTO

101

8 5008

D HAL

EXPRESS MAILING LABEL: EV317662369US

以FORMATION DISCLOSURE

(Use as many sheets as necessary)

ATEMENT BY APPLICANT

PTO/SB/08A (08-03) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Noder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Application Number 10/691,788 Filing Date 10/23/2003 First Named Inventor Trevor ARTHURS, et al. **Art Unit** Not yet assigned **Examiner Name** Not yet assigned **Attorney Docket Number** 2504-011DIV

	T 3::-			DOCUMENTS	<u> </u>
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NA	01	^{US-} 3,470,928	10/07/1969	Schwartz	
1	02	^{US-} 3,670,485	06/20/1972	Brown et al.	
	03	us- 3,678,675	07/25/1972	Klein	
	04	us- 3,690,057	09/12/1972	Norris	
	05	^{US-} 3,699,590	10/24/1972	Webber et al.	
	06	^{US-} 3,806,401	04/23/1974	Brinkhoff et al.	
	07	US-3,828,543	08/13/1974	Goodbar et al.	
	08	US-3,882,667	05/13/1975	Barry	
	09	^{US-} 3,955,022	05/04/1976	Sands	
	10	^{US-} 3,969,559	07/13/1976	Boe	
	11	^{US-} 3,987,613	10/26/1976	Woods et al.	
	12	^{US-} 4,010,784	03/08/1977	Nattrass et al.	
	13	^{US-} 4,207,937	06/17/1980	Sandeman et al.	
	14	^{US-} 4,247,596	01/27/1981	Yee	
	15	us- 4,362,199	12/07/1982	Futerman	
	16	US- 4,364,424	12/21/1982	Nattrass	
	17	^{US-} 4,369,622	01/25/1983	Teed et al.	
	18	^{US-} 4,420,534	12/13/1983	Matsui	
NA	19	^{US-} 4,422,483	12/27/1983	Zins	

		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Т
NA	20	0353386 A2 European	02/07/1990	Lin		
	<u> </u>					
	 					L
						L
					1	Γ

-	Examiner Signature	N. Ahmod	Date Considered	12.11.05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

EXPRESS MAILING LABEL: EV317662369US

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complet if Known Substitute for form 1449/PTO **Application Number** 10/691,788 Filing Date 10/23/2003 INFORMATION DISCLOSURE First Named Inventor Trevor ARTHURS, et al. STATEMENT BY APPLICANT Art Unit Not yet assigned (Use as many sheets as necessary) **Examiner Name** Not yet assigned **Attorney Docket Number** 2504-011DIV

				TOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (7 known)}		7 paradix of Oxed December	Figures Appear
MA	21	^{US-} 4,431,316	02/14/1984	Massey	
	22	^{US-} 4,493,109	01/08/1985	Nattrass	
	23	US- 4,499,599	02/12/1985	Polett et al.	
	24	^{US-} 4,519,201	05/28/1985	Toon	
	25	^{US-} 4,606,968	08/19/1986	Thornton et al.	
	26	^{US-} 4,610,028	09/02/1986	Nattrass	
	27	^{US-} 4,643,119	02/17/1987	Langston et al.	
	28	us-4,753,088	06/28/1988	Harrison et al.	
	29	^{US-} 4,756,941	07/12/1988	McCullough et al.	
	30	^{US-} 4,771,596	09/20/1988	Klein	
	31	^{US-} 4,856,299	08/15/1989	Bryant	
	32	^{US-} 5,001,813	03/26/1991	Rodini	
	33	^{US-} 5,026,603	06/25/1991	Rodini	
	34	^{US-} 5,071,699	12/10/1991	Pappas et al.	
	35	us- 5,102,727	04/07/1992	Pitman	
	36	^{US-} 5,202,185	04/13/1993	Samuelson	
	37	^{US-} 5,288,544	02/22/1994	Mallen et al.	
J	38	^{US-} 5,305,593	04/26/1994	Rodini et al.	•
NA	39	^{US-} 5,478,154	12/26/1995	Pappas et al.	

	FORE	IGN PATENT DOCU	MENTS		
Cite No.1	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T6
					ļ
					L
-					
-					-
	Cite No.1	Cite Foreign Patent Document No.1	Cite Foreign Patent Document Publication No. Date MM-DD-YYYY	No.' Date Applicant of Cited Document	Cite Foreign Patent Document Publication Name of Patentee or Pages, Cotumns, Lines, No. Date Applicant of Cited Document Where Relevant Passages Or Relevant Figures Appear

Exan Signa	Ahnad	Date Considered	12.11.05
_	 		<u>'</u>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NEVEL SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

EXPRESS MAILING LABEL: EV317662369US

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
tent and Tardemark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 144	19/PTO	Col	mplete if Known	
· (c)		Application Number	10/691,788	
IMEODMA.	TION DISCLOSURE	Filing Date	10/23/2003	
JAN 0 0 2004	TION DISCLOSURE	First Named Inventor	Trevor ARTHURS, et al.	
AIEME	NI DI APPLICANI	Art Unit	Not yet assigned	
(Use as i	nany sheets as necessary)	Examiner Name	Not yet assigned	
Sheet 03	of 05	Attorney Docket Number	2504-011DIV	

	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan			
	1.0	Number-Kind Code ^{2 (F known)}			Figures Appear			
NA	40	^{US-} 5,512,355	04/30/1996	Fuson				
	41	^{US-} 5,679,449	10/21/1997	Ebadat et al.				
	42	^{US-} 5,698,148	12/16/1997	Asher et al.				
	43	^{US-} 5,776,608	07/07/1998	Asher et al.				
	44	^{US-} 5,780,572	07/14/1998	Graham				
	45	^{US-} 5,790,926	08/04/1998	Mizoe et al.				
	46	^{US-} 5,840,425	11/24/1998	Hodan				
	47	us-5,916,506	06/29/1999	Breznak et al.				
	48	^{US-} 5,938,338	08/17/1999	McDonough				
	49	^{US-} 5,952,099	09/14/1999	Asher et al.				
	50	^{US-} 6,017,610	01/25/2000	Abe et al.				
	51	^{US-} 6,057,032	05/02/2000	Green				
	52	^{US-} 6,112,772	09/05/2000	Ebadat et al.				
	53	US-6,228,492	05/08/2001	Kinlen et al.				
	54	us- 6,242,094	06/05/2001	Breznak et al.				
	55	^{US-} 6,287,689	09/11/2001	Elliott et al.				
	56	^{US-} 6,413,635	07/02/2002	Martin et al.				
	57	^{US-} 6,451,407	09/17/2002	Nickell				
NA	58	^{US-} 60/137,615	06/03/1999	Fisher et al.				

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY	•	Or Relevant Figures Appear	T⁵
						L
····						L

Examiner	l a fi	Date	
Signature	N.Ahmad	Considered 1	> 11.15
Org. Lo. C. C	14 11 000000	Considered	2,1100

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief'Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

EXPRESS MAILING LABEL: EV317662369US

PTO/SB/08a (08-03)
Approved for use through 07/31/2008, OMB 0651-0031

Substitute for form 1449A	РТО	Co	emplete if Known
Substitute for form 1449A		Application Number	10/691,788
MINFORMATI	ON DISCLOSURE	Filing Date	10/23/2003
JAH O O ZOOA STATEMEN	T BY APPLICANT	First Named Inventor	Trevor ARTHURS, et al.
EXECUTE 1		Art Unit	Not yet assigned
	y sheets as necessary)	Examiner Name	Not yet assigned
Sheet 04	of 05	Attorney Docket Number	2504-011DIV

Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NA	59	US- 2002/0136859	09/26/2002	Fisher et al.	
		US-			· · · · · · · · · · · · · · · · · · ·
		US-			· · · · · · · · · · · · · · · · · · ·
		US-			
		US-			······································
		US-			
		US-			·
		US-			· · · · · · · · · · · · · · · · · · ·
		US-			
		U\$-			
			FOREIGN PATEN	IT DOCUMENTS	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ 'Number ⁴ 'Kind Code ³ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	74	
00 04 04 07 08 7 197 193 193 19						Γ	
) + 04 04 05 05 0 1 0 <i>0</i> 4 1 0 4 0					***************************************	Γ	
\				***************************************		Γ	
PVP 9 PF 95 95 96 86 88 84 96 18				***************************************			
			A	7	00 54 50 54 0 64 0 64 0 64 54 54 54 54 54 55 5 5 5 5 5 5 5 5 5		

Examiner	Λί	Date	
Signature	N. Ahmest	Consid	lered 12.11.85

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXPRESS MAILING LABEL: EV317662369US

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031

Approved for use inrough 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	te for form 1449/PTO				Compl te if Known	TIBITISES.
				Applicati n Numb r	10/691,788	
MF	ORMATION	I DIS	CLOSURE	Filing Dat	10/23/2003	
STO	TEMENT E	BY A	PPLICANT	First Named Inventor	Trevor ARTHURS, et al.	
				Art Unit	Not yet assigned	
	. (656 65 many sm		ecessary)	Examiner Name	Not yet assigned	
Sheet	05	of	05	Attorney Docket Number	2504-011DIV	

Examiner Initials*	Cite No.				
M2	60	Hoechst Celanese's Dictionary of Fiber and Textile Technology; copyright Hoechst Celanese Corporation, pp. 16, 23, 60, 96, 149			
	61	"Manufacture of Spun Yarn" by Peyton B. Hudson, Anne C. Clapp and Darlene Kness, Joseph's Introductory Textile Science, Sixth Ed., Harcourt Brace Jovanovich College Publishers, Chapter 16, pp. 163-174.			
	62	"Electrostatic Properties of Materials," Fed. Test Method Std. No. 101B, Method 4046, Appendix B, January 15, 1969, pp. 55-58.			
	63	"Electrostatic Discharge Control", by Owen J. McAteer, McGraw-Hill Publishing Co., N.Y. (1990) pp. 119-120.			
	64	"Testing the Suitability of FIBCs for Use in Flammable Atmospheres" by V. Ebadat and James Mulligan, 15, 3 (Fall 1996).			
	65	"A Study of The Electrostatic Behavior of Carpets Containing Conductive Yarns" by LeAnn Kessler and W. Keith Fisher, J. of Electrostatics 39 (1997) pp. 253-275.			
	66	"Static Electricity Dissipation Mechanism in Carpets Containing Conductive Fibers" by W. Keith Fisher as presented at the March 30 Electrostatics 1999 conference in Cambridge, UK.			
NA	67	"Flexible Intermediate Bulk Containers (FIBCs)", Flexible Intermediate Bulk Container Association.			

Examiner	N. Ahmad	Date	
Signature	14. Polonage	Considered	12.11.03

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXPRESS MAILING LABEL: EV412122943US

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

St. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Unde	r the Paperwork Reduc	tion Act of 1995, no persons are required	to respond to a collection of informa	tion unless it contains a valid OMB control	number	
	stitute for form 1449/P		Complete if Known			
			Application Number	10/691,788		
11	IEODMATIC	ON DISCLOSURE	Filing Date	10/23/2003		
			First Named Inventor	Trevor ARTHURS et al	<u></u>	
5		T BY APPLICANT	Art Unit	Not yet assigned		
	(Use as man	/ sheets as necessary)	Examiner Name	Not yet assigned	,,,.,.,.,.,.,.,.,.,.,.,.,.,.,.,.,	
Sheet	01	of 01	Attorney Docket Number	2504-01101/		

<u> </u>	C:4:			DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (7 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MA	01	^{US-} 3,639,528	02/01/1972	Patton, et al.	
AN	02	^{US-} 3,803,453	04/09/1974	Hull	
MA	03	US- 5,167,264	12/01/1992	Kälin	
		US-			
		US-			
		US-	- 		
		US-			
		US-			
		US-			
		US-	<u> </u>		
		US-	- 		
		US-	- 		
		US-		/	
		US-	-		
	<u> </u>	US-		·	
		US-			
		US-		<u> </u>	
	 	US-			
		US-		 	

		FORE	IGN PATENT DOCU			
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY			T
:						
						٢

Examiner Signature	N. Ahmard	Date Considered	12.7.05
			1 1. 02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for deucing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.